

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054344.D
 Acq On : 31 May 2023 17:48
 Operator : JC/MD
 Sample : PB153123ZHE#03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#03

Quant Time: Jun 01 05:23:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

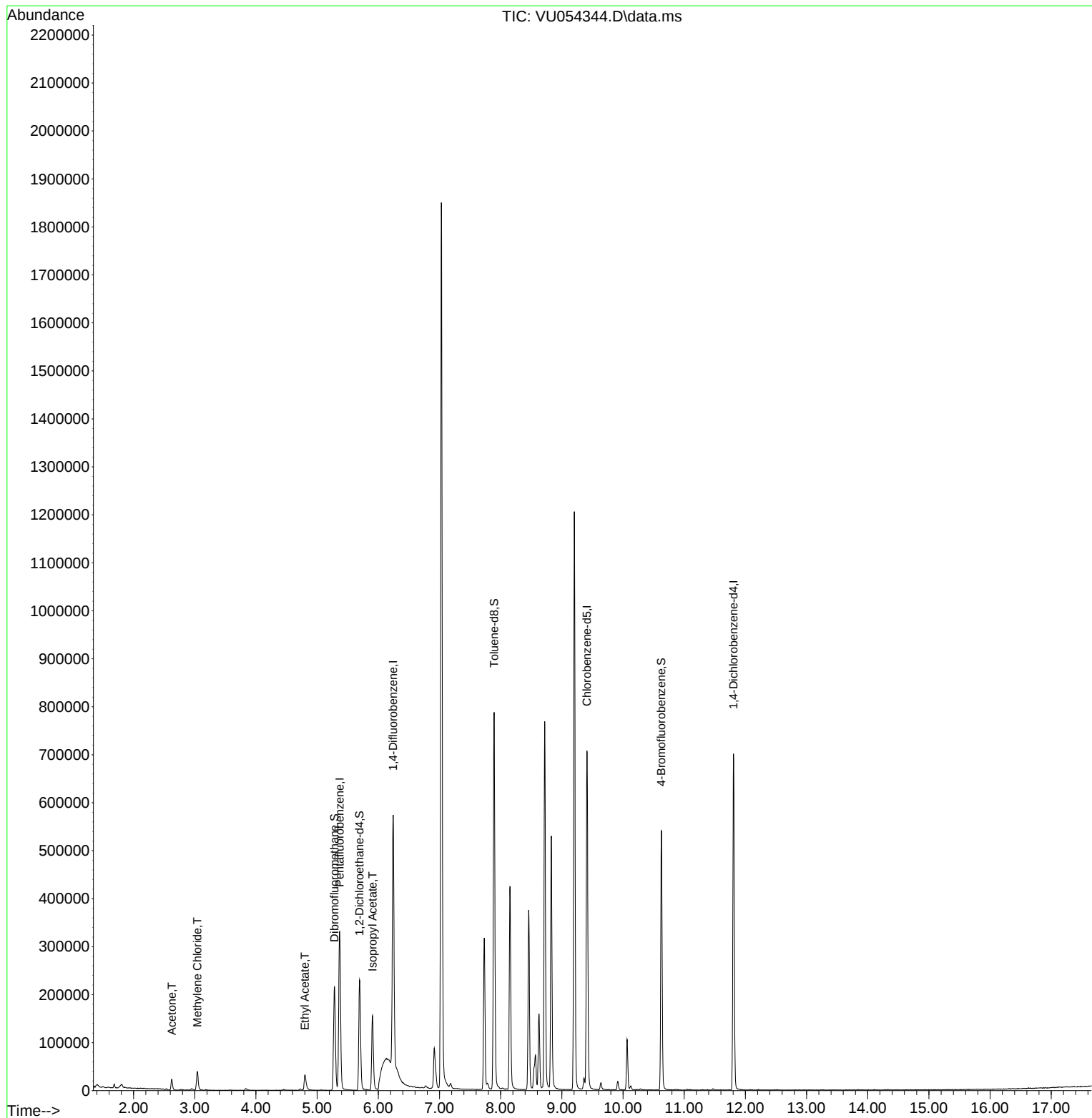
Internal Standards						
1) Pentafluorobenzene	5.369	168	242474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	430038	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	402612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	191174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	171275	53.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.760%	
35) Dibromofluoromethane	5.282	113	140195	50.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	7.893	98	530583	50.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	10.626	95	180333	44.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.300%	
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	25007	13.725	ug/l	93
20) Methylene Chloride	3.041	84	20132	6.125	ug/l	95
37) Ethyl Acetate	4.800	43	43159	8.142	ug/l #	90
43) Isopropyl Acetate	5.906	43	166052	22.709	ug/l	99

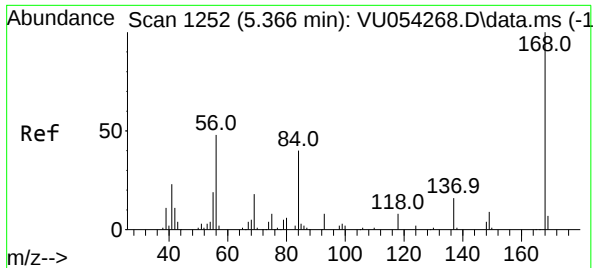
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
Data File : VU054344.D
Acq On : 31 May 2023 17:48
Operator : JC/MD
Sample : PB153123ZHE#03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#03

Quant Time: Jun 01 05:23:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
Response via : Initial Calibration

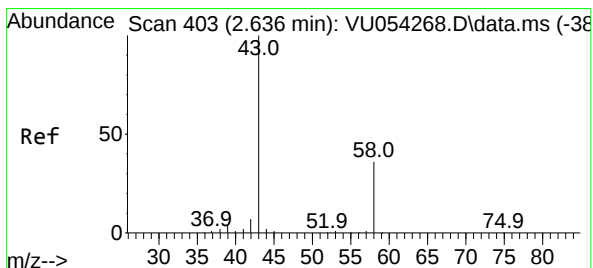
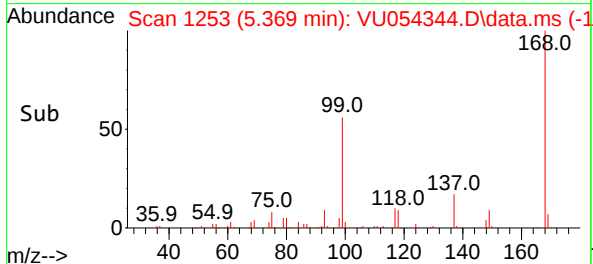
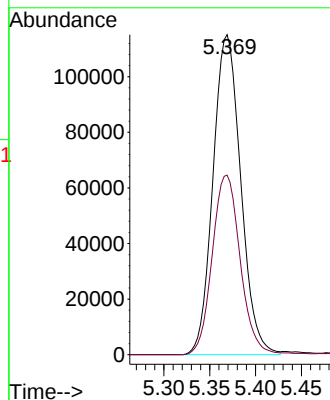
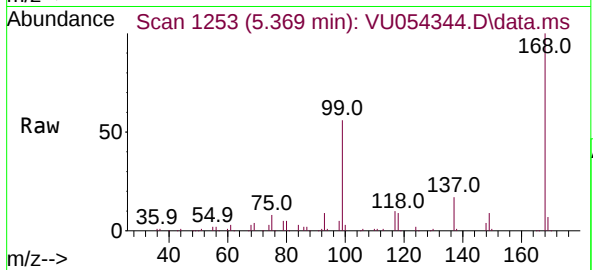




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

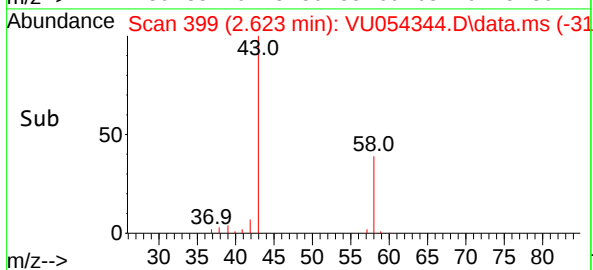
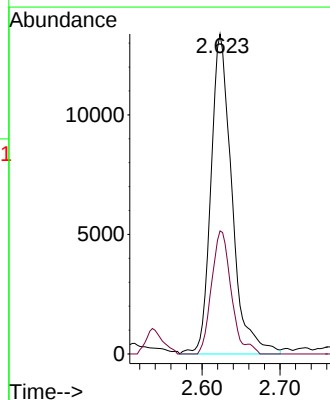
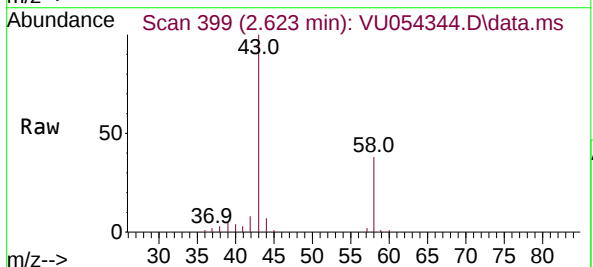
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#03

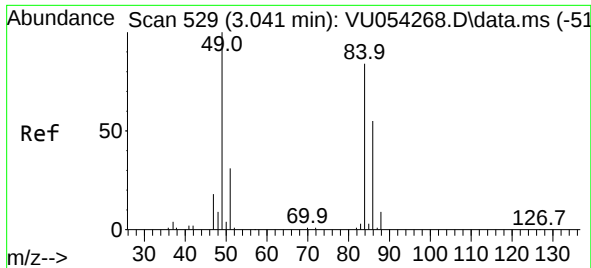
Tgt Ion:168 Resp: 242474
Ion Ratio Lower Upper
168 100
99 56.1 39.3 58.9



#16
Acetone
Concen: 13.725 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

Tgt Ion: 43 Resp: 25007
Ion Ratio Lower Upper
43 100
58 38.4 27.5 41.3

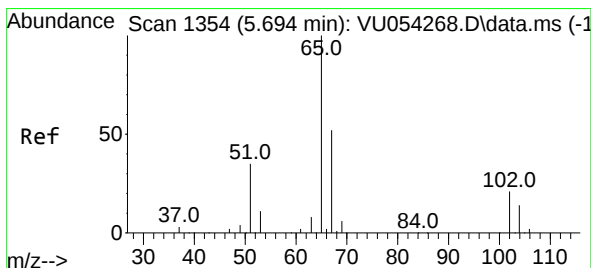
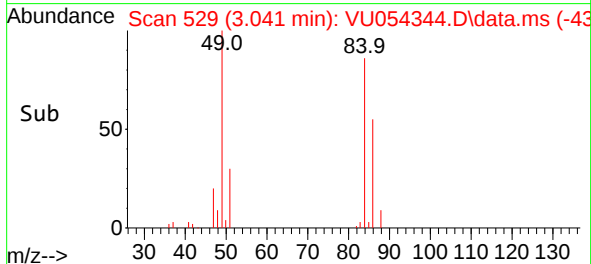
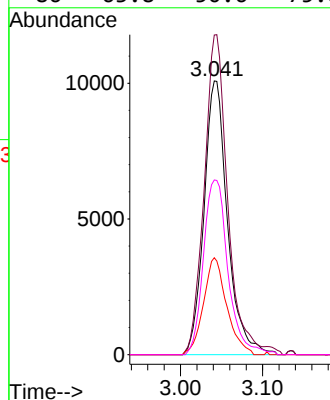
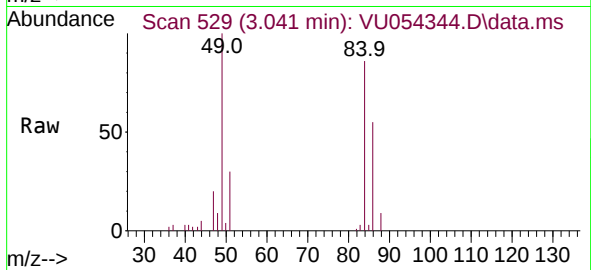




#20
Methylene Chloride
Concen: 6.125 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

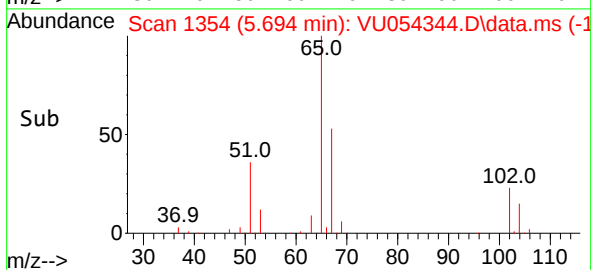
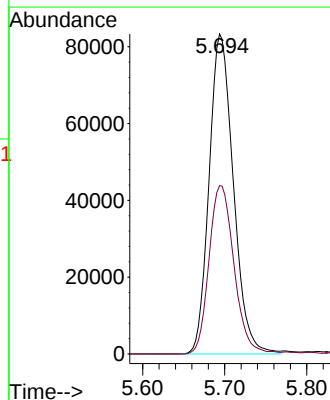
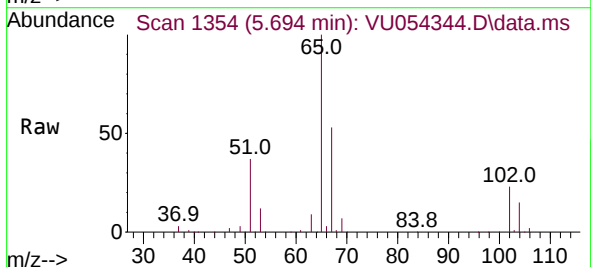
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#03

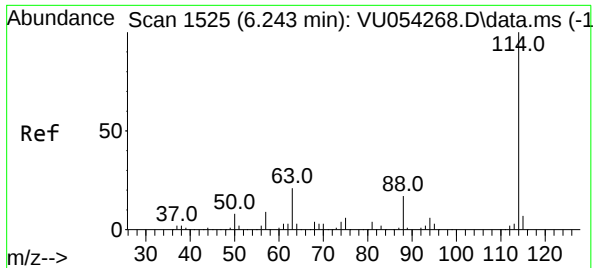
Tgt Ion:	84	Resp:	20132
Ion	Ratio	Lower	Upper
84	100		
49	116.8	86.6	129.8
51	35.4	26.6	40.0
86	63.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.884 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

Tgt Ion:	65	Resp:	171275
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054344.D

Acq: 31 May 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#03

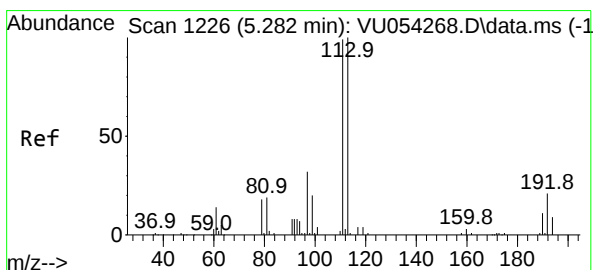
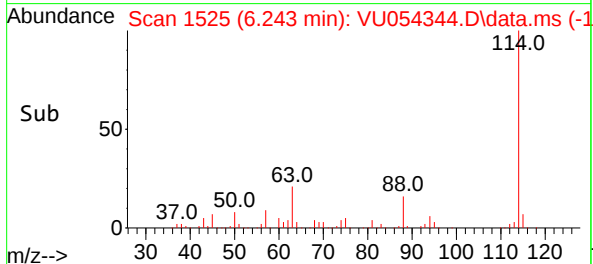
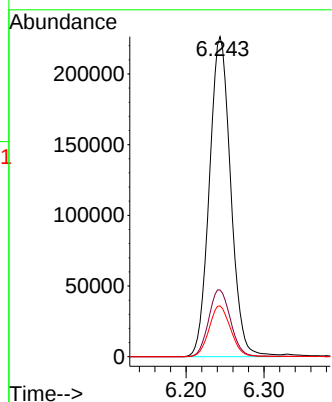
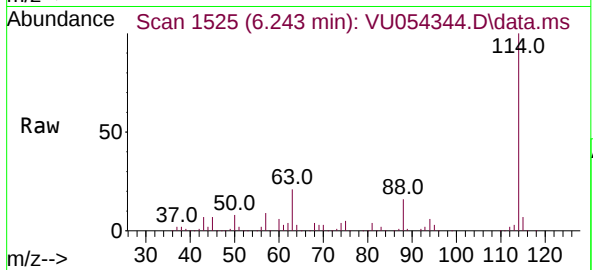
Tgt Ion:114 Resp: 430038

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.624 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054344.D

Acq: 31 May 2023 17:48

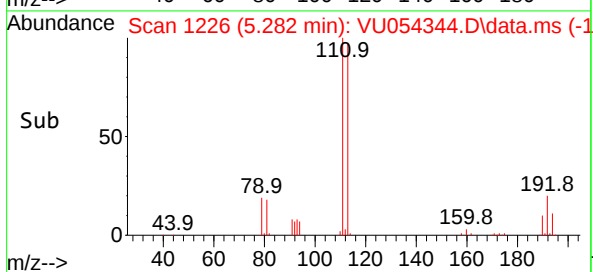
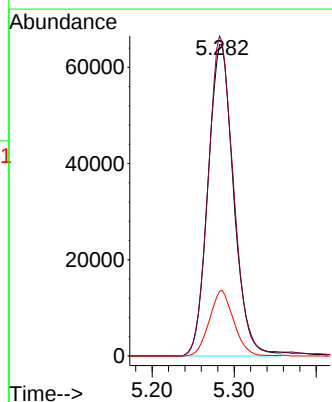
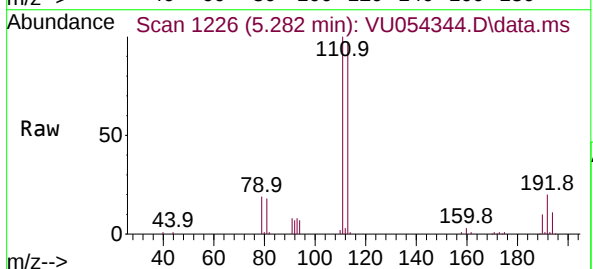
Tgt Ion:113 Resp: 140195

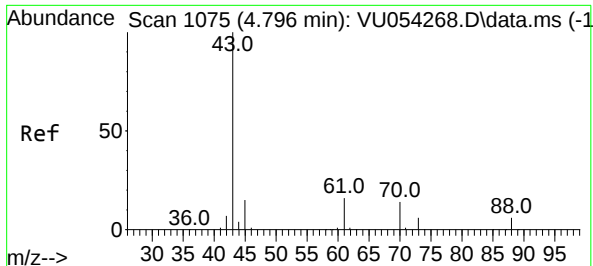
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 20.1 18.0 27.0

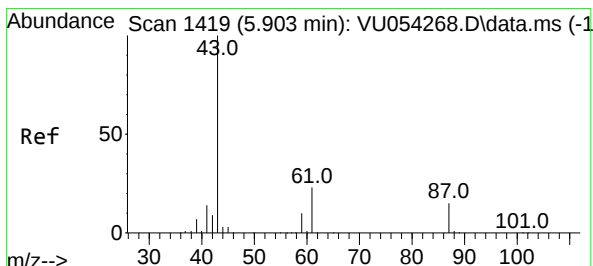
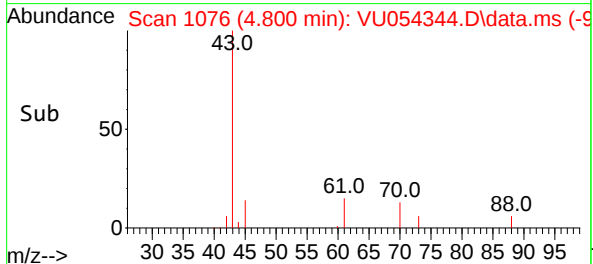
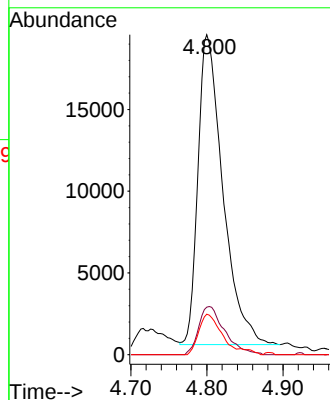
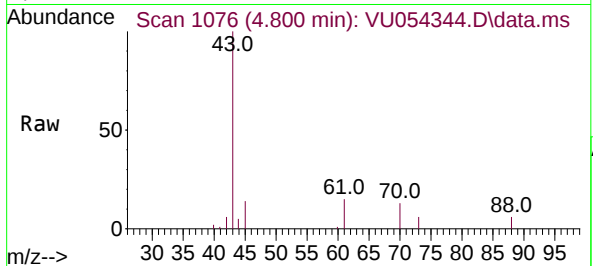




#37
Ethyl Acetate
Concen: 8.142 ug/l
RT: 4.800 min Scan# 1075
Delta R.T. 0.004 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

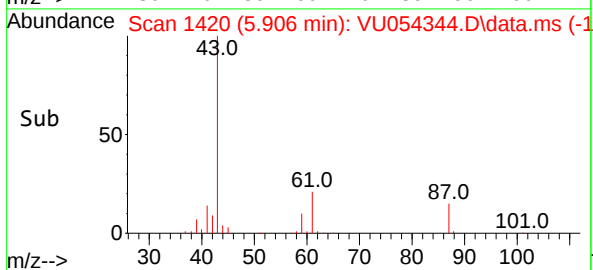
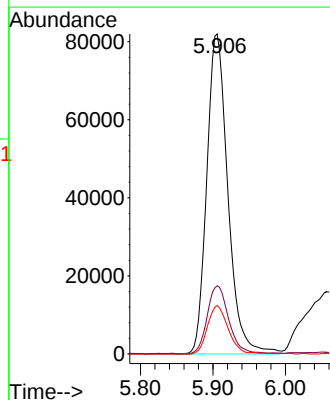
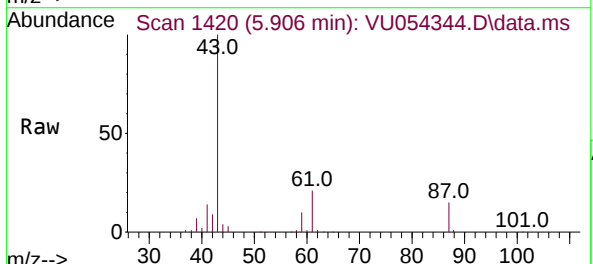
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#03

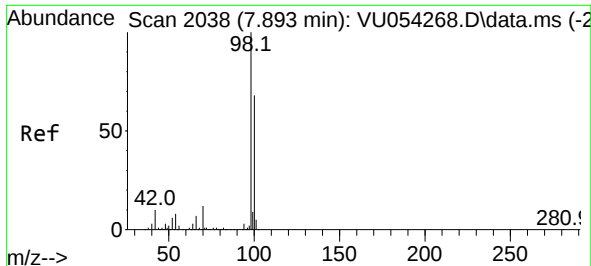
Tgt Ion: 43 Resp: 43159
Ion Ratio Lower Upper
43 100
61 16.2 9.5 14.3#
70 12.6 7.5 11.3#



#43
Isopropyl Acetate
Concen: 22.709 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. 0.003 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

Tgt Ion: 43 Resp: 166052
Ion Ratio Lower Upper
43 100
61 21.7 17.4 26.0
87 14.8 12.6 18.8

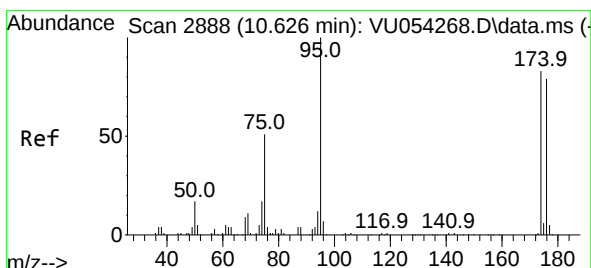
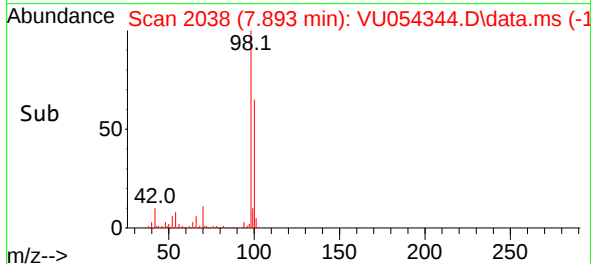
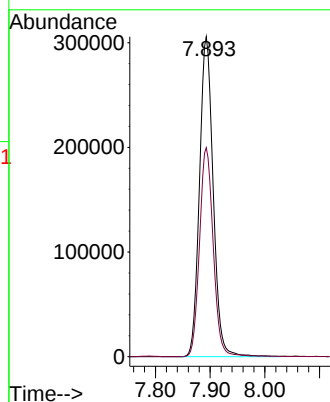
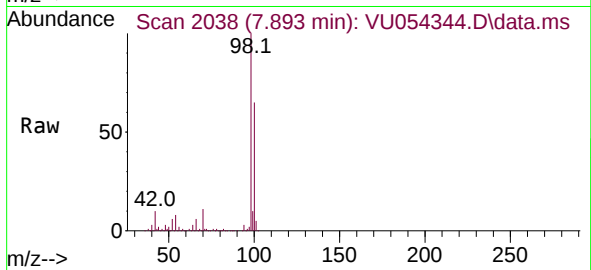




#50
Toluene-d8
Concen: 50.370 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

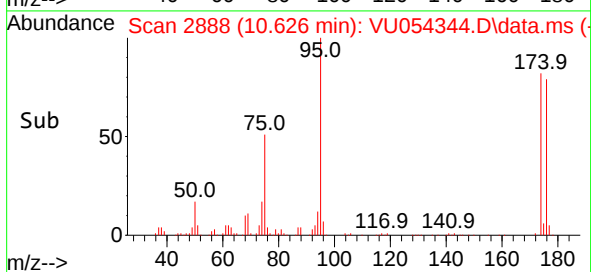
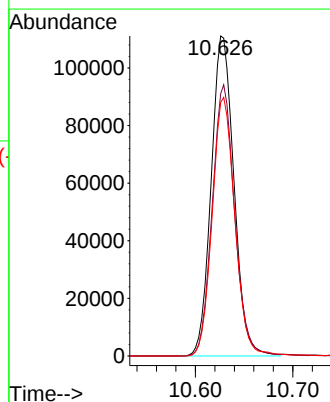
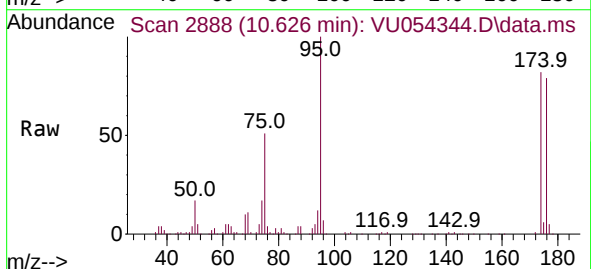
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#03

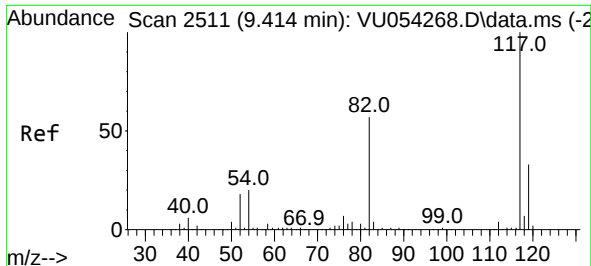
Tgt Ion: 98 Resp: 530583
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.152 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054344.D
Acq: 31 May 2023 17:48

Tgt Ion: 95 Resp: 180333
Ion Ratio Lower Upper
95 100
174 83.8 0.0 182.0
176 80.6 0.0 177.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.411 min Scan# 2511

Delta R.T. -0.003 min

Lab File: VU054344.D

Acq: 31 May 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#03

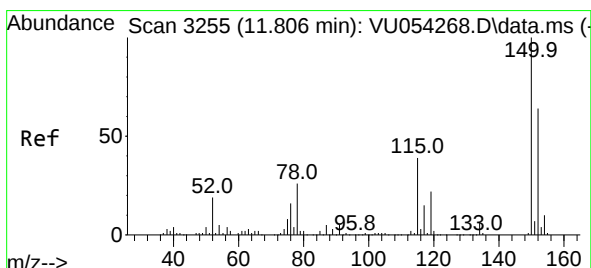
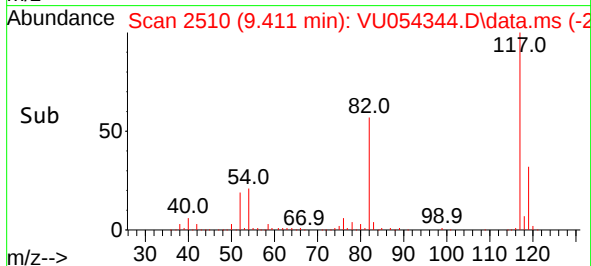
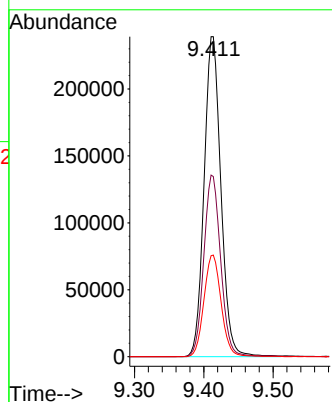
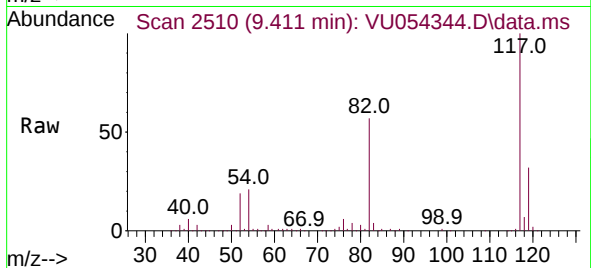
Tgt Ion:117 Resp: 402612

Ion Ratio Lower Upper

117 100

82 56.7 41.7 62.5

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU054344.D

Acq: 31 May 2023 17:48

Tgt Ion:152 Resp: 191174

Ion Ratio Lower Upper

152 100

115 58.0 37.0 110.9

150 157.7 0.0 342.2

